

[54] **INTRAVASCULAR STENT AND PERCUTANEOUS INSERTION CATHETER SYSTEM FOR THE DILATION OF AN ARTERIAL STENOSIS AND THE PREVENTION OF ARTERIAL RESTENOSIS**

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[58] Field of Search 128/303 R, 341, 343, 128/345, 334 R, 348.1; 623/1

[56] References Cited

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[57] ABSTRACT

This invention is in the field of percutaneous insertion catheters that are used for placing a coil spring stent into a vessel of a living body for the purposes of enhancing luminal dilation, preventing arterial restenosis and preventing vessel blockage resulting from intimal dissection following balloon and other methods of angioplasty. The stent can also be used for the maintaining patency of many different ducts or vessels within a living body.

6 Claims, 3 Drawing Sheets

